

History of the Use of Risk and Protective Factors in Washington State's Healthy Youth Survey

Prepared by
Chandra Lewis
Gwen Hyatt

Project Director
Eric Einspruch

RMC Research Corporation
522 SW Fifth Avenue, Suite 1407
Portland, OR 97204

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Overview

Decades of research have shown that certain risk factors are associated with increased likelihood of health risk behaviors including alcohol, tobacco, and other drug use, violence, and delinquent behaviors. Similarly, research has shown that protective factors exert a positive influence against the negative influence of risk factors. The premise of the risk reduction and protective factor enhancement approach to prevention is that preventing a problem before it occurs requires addressing the factors that predict the problem. Ideally, this strategy entails discovering the causes of the problem behavior and influencing those causes (see for example, Arthur, Hawkins, Catalano, and Pollard, 1998; Hawkins, Catalano, and Miller 1992; Hawkins, Catalano, Barnard, Gottfredson, Holmes, and Miller, 1992).

Historically Washington State's Healthy Youth Survey has included items used to calculate the percent of students *at risk* or *protected* on a subset of the established risk and protective factors. Different items and consequently different factors have been included each year the survey has been given. In addition, the items, factors, and cutpoints used to determine whether students are at risk or protected have changed over time. This document, which is intended to assist in the analysis and continued development of the surveys, provides a summary of the factors used on the Health Youth Survey in 1998, 2000, 2002, and 2004 with specific information about how the factors were calculated. The factors are listed by domain (community, family, school, or peer individual) as outlined in the *Framework and Reporting Schedule* on the following page.

Risk and Protective Factor Framework and Reporting Schedule

	Healthy Youth Survey Administration Year			
	1998	2000	2002	2004
Community Risk Factors				
Low Neighborhood Attachment	X	X	X ^S	X ^S
Transitions and Mobility				X ^S
Perceived Availability of Drugs	X	X	X	X
Perceived Availability of Handguns	X	X	X ^S	X ^S
Laws And Norms Favorable to Drug Use	X	X	X	X
Community Protective Factors				
Opportunities for Prosocial Involvement		X	X	X ^S
Rewards for Prosocial Involvement	X	X	X	X
Family Risk Factors				
Family History of Antisocial Behavior	X			
Poor Family Management			X ^S	X ^S
Family Conflict				
Parental Attitudes Favorable towards Drug Use				X ^S
Parental Attitudes Favorable to Antisocial Behavior				X ^S
Antisocial Behavior Among Familiar Adults			X ^S	
Family Protective Factors				
Attachment				
Opportunities for Prosocial Involvement			X	X ^E
Rewards for Prosocial Involvement			X	X ^E
School Risk Factors				
Academic Failure	X	X	X	X
Low Commitment to School	X	X	X	X
School Protective Factors				
Opportunities for Prosocial Involvement	X	X	X ^S	X ^S
Rewards for Prosocial Involvement	X	X	X	X
Peer-Individual Risk Factors				
Rebelliousness	X			
Gang Involvement				
Perceived Risk of Drug Use	X	X	X	X
Early Initiation of Drug Use		X	X ^S	X ^S
Early Initiation of Antisocial Behavior	X	X	X ^S	X ^S
Favorable Attitudes Towards Drug Use	X	X	X	X
Favorable Attitudes Towards Antisocial Behavior	X	X	X ^S	X ^S
Sensation Seeking	X			
Rewards for Antisocial Involvement	X	X	X ^S	X ^S
Friends' Use of Drugs	X	X	X ^S	X ^S
Interaction With Antisocial Peers	X			X ^S
Intentions to Use			X ^S	X ^S
Peer-Individual Protective Factors				
Interaction With Prosocial Peers				X
Belief in the Moral Order	X	X	X ^S	X ^S
Prosocial Involvement				X
Rewards for Prosocial Involvement				
Social Skills	X	X ^S	X ^S	X ^S
Religiosity	X			

Note. S = Included only on the secondary version; E = Included only on the elementary version.

Community Risk Factor: Low Neighborhood Attachment

Domain: Community

Type: Risk Factor

Factor Name: Low Neighborhood Attachment

Previous Names: None

Years Used for HYS: 2002, 2000, 1998

Variable Name: risk11

SDRG Name: CRLNA

Items

- 2002, 2000, 1998** Q1. I like my neighborhood.
Q2. If I had to move, I would miss the neighborhood I now live in.
Q3. I'd like to get out of my neighborhood.
Response options: a. NO!, b. no, c. yes, d. YES!

Formulas

- 2002, 2000** Recode Q1 Q2 (1 = 4) (2 = 3) (3 = 2) (4 = 1) into Q1r Q2r.
Compute risk11 = mean.2 (Q1r, Q2r, Q03).
1998 Recode (same)
Compute (same) – 1

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2002, 2000	1.790	2.126	2.126	2.126
1998	1.5	1.5	1.5	1.5

Community Risk Factor: Laws and Norms Favorable to Drug Use

Domain: Community

Type: Risk Factor

Factor Name: Laws and Norms Favorable to Drug Use

Previous Names: Community laws and norms favorable to alcohol, tobacco, and other drug use (1998)

Years Used for HYS: 2004, 2002, 2000, 1998

Variable Name: 2004, 2002, 2000: risk12
1998: risk 14

SDRG Name: CRLNFD

Items

- 2004, 2002, 2000, 1998** How wrong would most adults in your neighborhood think it was for kids your age
- Q1. To use marijuana?
 - Q2. To drink alcohol?
 - Q3. To smoke cigarettes?
- Response options:** a. Very wrong b. Wrong c. A little bit wrong d. Not wrong at all
- Q4. If a kid drank some beer, wine, or hard liquor (for example: vodka, whiskey, or gin) in your neighborhood would he or she be caught by the police?
 - Q5. If a kid carried a handgun in your neighborhood would he or she be caught by the police?
 - Q6. If a kid smoked marijuana in your neighborhood would he or she be caught by the police?
- Response options:** a. NO!, b. no, c. yes, d. YES!

Formulas

- 2004, 2002, 2000** Recode Q4 Q5 Q6 (1 = 4) (2 = 3) (3 = 2) (4 = 1) into Q4r Q5r Q6r.
Compute mean.4 (Q1, Q2, Q3, Q4r, Q5r, Q6r).
- 1998** Recode Q4 Q5 Q6 (1 = 4) (2 = 3) (3 = 2) (4 = 1) into Q4r Q5r Q6r.
Compute mean.4 (Q1, Q2, Q3, Q4r, Q5r, Q6r) – 1.

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004, 2002, 2000	1.756	2.254	2.417	2.580
1998	1.5	1.5	1.5	1.5

Community Risk Factor: Perceived Availability of Drugs

Domain: Community

Type: Risk Factor

Factor Name: Perceived Availability of Drugs

Previous Names: Perceived Availability of Alcohol, Tobacco, and Other Drugs (1998)

Years Used for HYS: 2004, 2002, 2000, 1998

Variable Name: 2004, 2002, 2000: risk13
1998: risk15

SDRG Name: CRPAD

Items

- 2004, 2002, 2000** Q1. If you wanted to get some beer, wine, or hard liquor (for example: vodka, whiskey, or gin), how easy would it be for you to get some?
Q2. If you wanted to get some cigarettes, how easy would it be for you to get some?
Q3. If you wanted to get some marijuana, how easy would it be for you to get some?
Q4. If you wanted to get a drug like cocaine, LSD, or amphetamines, how easy would it be for you to get some?
Response options: a. Very hard b. Sort of hard c. Sort of easy d. Very easy
- 1998** Q1–4 same
Q5. If you wanted to get a handgun, how easy would it be for you to get one?
Response options: a. Very hard b. Sort of hard c. Sort of easy d. Very easy

Formulas

- 2004, 2002, 2000** compute risk13 = mean.3 (Q1, Q2, Q3, Q4).
- 1998** compute risk15 = mean.4 (Q1, Q2, Q3, Q4, Q5) – 1 .

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2000, 2002	1.506	2.329	2.917	3.103
1998	1.5	1.5	1.5	1.5

Community Risk Factor: Perceived Availability of Handguns

Domain: Community

Type: Risk Factor

Factor Name: Perceived Availability of Handguns

Previous Names: None

Years Used for HYS: 2004, 2002, 2000

Variable Name: risk14

SDRG Name: GETGUN

Items

2004, 2002, 2000 Q1. If you wanted to get a handgun, how easy would it be for you to get one?
Response options: a. Very hard b. Sort of hard c. Sort of easy d. Very easy

Formula

2004, 2002, 2000 compute risk14 = mean.1 (Q1).

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004	NA	1.195	2.159	2.165
2002, 2000	1.156	1.195	2.159	2.165

Community Risk Factor: Community Disorganization

Domain: Community

Type: Risk Factor

Factor Name: Community Disorganization

Previous Names: None

Years Used for HYS: 1998

Variable Name: risk12

SDRG Name: CRCDO

Items

- 1998** Q1. How much do each of the following statements describe your neighborhood:
Crime and/or drug selling.
- Q2. How much do each of the following statements describe your neighborhood:
Fights.
- Q3. How much do each of the following statements describe your neighborhood:
Lots of empty or abandoned buildings.
- Q4. How much do each of the following statements describe your neighborhood:
Lots of graffiti.
- Q5. I feel safe in my neighborhood.

Response options: a. NO!, b. no, c. yes, d. YES!

Formula

- 1998** Recode Q5 (1=4) (2=3) (3=2) (4=1) (-8=-8) (-9=-9) into Q5r
Compute Risk12 = mean.4 (Q1, Q2, Q3, Q4, Q5r) - 1

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
1998	1.5	1.5	1.5	1.5

Community Risk Factor: Transitions and Mobility

Domain: Community

Type: Risk Factor

Factor Name: Transitions and Mobility

Previous Names: Personal Transition and Mobility (1998)

Years Used for HYS: 2004, 1998

Variable Name: 2004: risk17
1998: risk13

SDRG Name: CRTM

Items

2004 Q1. Have you changed homes in past year?

Response options: a. No, b. Yes

Q2. How many times have you changed homes since kindergarten

Response options: a. Never, b. 1–2 times, c. 3–4 times, d. 5–6 times, e. 7 or more times

Q3. Have you changed schools (including changing from elementary to middle and middle to high school) in the past year?

Response options: a. No, b. Yes

Q4. How many times have you changed schools (including changing from elementary to middle and middle to high school) since Kindergarten?

Response options: a. Never, b. 1-2 times, c. 3-4 times, d. 5-6 times, e. 7 or more times

1998 Q1-Q2 same

Q3. Have you changed schools in past year?

Response options: a. No, b. Yes

Q4. How many times have you changed schools since kindergarten?

Response options: a. Never, b. 1-2 times, c. 3-4 times, d. 5-6 times, e. 7 or more times

Formulas

2004 Recode Q1 Q3 (1=1) (2=3) into Q1r Q3r.

Compute risk17 = mean.3 (Q1r, Q2, Q3r, Q4)

1998 Recode (1 = 1) (2 = 5)

Compute (same) – 1.

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004	NA	1.965	1.987	1.949
1998	2	2	2	2

Community Risk Factor: Transition and Mobility

Domain: Community

Type: Risk Factor

Factor Name: Transition and Mobility

Previous Names: None

Years Used for HYS: 1998

Variable Name: 1998: risk17

SDRG Name: CRPTM

Items

1998 Q1. People move in and out of my neighborhood a lot.

Response options: a. NO!, b. no, c. yes, d. YES!

Formula

1998 Compute Risk17 = mean.1 (Q1) - 1.

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
1998	1.5	1.5	1.5	1.5

Community Protective Factor: Opportunities for Prosocial Involvement

Domain: Community

Type: Protective

Factor Name: Opportunities for Prosocial Involvement

Previous Names: Opportunities for Community Involvement (1998)

Years Used for HYS: 2004, 2002, 2000, 1998

Variable Name: 2004, 2002, 2000: risk15
1998: risk18

SDRG Name: CPOPI

Items

- 2004, 1998** Q1. There are adults in my neighborhood I could talk to about something important.
Response options: a. NO!, b. no, c. yes, d. YES!
Which of the following activities for people your age are available in your community?
Q2. Sports Teams
Q3. Scouting
Q4. Boys and Girls Club
Q5. 4-H clubs
Q6. Service Clubs
Response options: a. Yes b. No
- 2002** Q1. Same
Which of the following activities do you regularly participate in:
Q2. Sports teams?
Q3. Scouting (such as Cub Scouts, Boy Scouts, Girl Scouts, Brownies, Camp Fire Boys & Girls, etc.)?
Q4. Arts groups (such as art, music, drama, dance, etc.)?
Q5. Service or social clubs (such as Boys and Girls Clubs, 4-H Clubs, church youth groups, etc.)?
Response options: a. Yes, b. No, even though this activity is available, c. No, because this activity is not available
- 2000** Q1–Q5 same 2002

Formulas

- 2004** Recode Q2 Q3 Q4 Q5 Q6 (1=4) (2=1) into Q2r Q3r Q4r Q5r Q6r.
Compute actmean = mean.3(Q2r Q3r Q4r Q5r Q6r).
Compute risk15 = mean.2(actmean, Q1).
- 2002** Recode Q2 Q3 Q4 Q5 (1 = 4) (2 = 1) (3 = 1) (0 = 0) into Q2r Q3r Q4r Q5r.
Compute actmean = mean.3(Q2r Q3r Q4r Q5r).
Compute risk15 = mean.2(actmean, Q1).
- 2000** Same as 2002
- 1998** Recode Q2 Q3 Q4 Q5 Q6 (1=1) (2=4) into Qr2 Q3r Q4r Q5r Q6r.
Compute risk18 = mean.4 (Q1, Qr2 Q3r Q4r Q5r Q6r) – 1.

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004	NA	2.584	2.587	2.588
2002, 2000	2.883	2.584	2.587	2.588
1998	1.5	1.5	1.5	1.5

Community Protective Factor: Rewards for Prosocial Involvement

Domain: Community

Type: Protective Factor

Factor Name: Rewards for Prosocial Involvement

Previous Names: Rewards for Conventional Involvement (1998)

Years Used for HYS: 2004, 2002, 2000, 1998

Variable Name: risk16

SDRG Name: CPRPI

Items

- 2004, 2002, 2000, 1998** Q1. My neighbors notice when I am doing a good job and let me know.
Q2. There are people in my neighborhood who encourage me to do my best.
Q3. There are people in my neighborhood who are proud of me when I do something well.

Response options: a. NO!, b. no, c. yes, d. YES!

Formulas

2004, 2002, 2000 Compute risk16 = mean.2 (Q1, Q2, Q3).

1998 Compute (same) – 1.

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004, 2002, 2000	2.540	2.537	2.207	2.206
1998	1.5	1.5	1.5	1.5

Family Risk Factor: Poor Family Management

Domain: Family

Type: Risk Factor

Factor Name: Poor Family Management

Previous Names: None

Years Used for HYS: 2004, 2002, 2000

Variable Name: risk21

SDRG Name: FRPFM

Items

- 2004, 2002** Q1. My parents ask if I've gotten my homework done.
Q2. Would your parents know if you did not come home on time?
Q3. When I am not at home, one of my parents knows where I am and who I am with.
Q4. The rules in my family are clear.
Q5. My family has clear rules about alcohol and drug use.
Q6. If you drank some beer, wine, or liquor (for example vodka, whiskey, or gin) without your parent's permission, would you be caught by them?
Q7. If you carried a handgun without your parent's permission, would you be caught by them?
Q8. If you skipped school, would you be caught by your parents?
Response options: a. NO!, b. no, c. yes, d. YES!
- 2000** Q1–Q5 same
Q6. If you drank some beer, wine, or liquor (for example, vodka, whiskey, or gin) without your parents' permission, would you be caught by your parents?
Q7. If you carried a handgun without your parents permission, would you be caught by your parents?
Q.8. Same
Response options: a. NO!, b. no, c. yes, d. YES!

Formulas

- 2004, 2002, 2000** Recode Q1 Q2 Q3 Q4, Q5, Q6, Q7, Q8 (1=4) (2=3) (3=2) (4=1) into Q1r, Q2r, Q3r, Q4r, Q5r, Q6r, Q7r, Q8r.
Compute risk21 = mean.4 (Q1r, Q2r, Q3r, Q4r, Q5r, Q6r, Q7r, Q8r).

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004	NA	1.848	2.088	2.233
2002, 2000	1.478	1.848	2.088	2.233

Family Risk Factor: Antisocial Behavior Among Familiar Adults

Domain: Family

Type: Risk Factor

Factor Name: Antisocial Behavior Among Familiar Adults

Previous Names: None

Years Used for HYS: 2002

Variable Name: risk24

SDRG Name: FRFAB

Items

2002 About how many adults have you known personally who in the past year have:

Q1. Used marijuana, crack, cocaine, or other drugs?

Q2. Sold or dealt drugs?

Q3. Done other things that could get them in trouble with the police, like stealing, selling stolen goods, mugging, or assaulting others, etc.?

Q4. Gotten drunk or high?

Response options: a. None, b. 1 adult, c. 2 adults, d. 3–4 adults, e. 5 or more adults

Formula

2002 Compute risk24 = mean.3 (Q1, Q2, Q3, Q4).

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2002	NA	1.891	2.158	2.664

Family Risk Factor: Parental Attitudes Favorable to Antisocial Behavior

Domain: Family

Type: Risk Factor

Factor Name: Parental Attitudes Favorable to Antisocial Behavior

Previous Names: None

Years Used for HYS: 2004

Variable Name: risk26

SDRG Name: FRPAB

Items

2004 How wrong do your parents feel it would be for you to:

Q1. Steal anything worth more than \$5?

Q2. Draw graffiti, or write things or draw pictures on buildings or other property (without the owner's permission)?

Q3. Pick a fight with someone?

Response options: a. Very wrong b. Wrong c. A little bit wrong d. Not wrong at al

Formula

2004 Compute risk26 = mean.2 (Q1, Q2, Q3).

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004	NA	1.090	1.090	1.088

Family Risk Factor: Parental Attitudes Favorable Toward Drug Use

Domain: Family

Type: Risk Factor

Factor Name: Parental Attitudes Favorable Toward Drug Use

Previous Names: None

Years Used for HYS: 2004

Variable Name: risk25

SDRG Name: FRPFD

Items

2004 How wrong do your parents feel it would be for you to:

Q1. Drink beer, wine, or hard liquor (for example: vodka, whiskey or gin) regularly?

Q2. Smoke cigarettes?

Q3. Smoke marijuana?

Response options: a. Very wrong b. Wrong c. A little bit wrong d. Not wrong at al

Formula

2004 Compute risk25 = mean.2 (Q1, Q2, Q3).

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004	NA	1.083	1.107	1.441

Family Protective Factor: Opportunities for ProSocial Involvement

Domain: Family

Type: Protective Factor

Factor Name: Opportunities for Prosocial Involvement

Previous Names: None

Years Used for HYS: 2004, 2002, 2000

Variable Name: risk22

SDRG Name: FPOPI

Items

- 2004, 2002, 2000** Q1. My parents give me lots of chances to do fun things with them
- Q2. My parents ask me what I think before most family decisions affecting me are made.
- Q3. If I had a personal problem, I could ask my mom or dad for help.
- Response options:** a. NO!, b. no, c. yes, d. YES!

Formula

2004 Compute risk22 = mean.2 (Q1, Q2, Q3).

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004	3.216	NA	NA	NA
2002, 2000	3.216	2.882	2.884	2.885

Family Protective Factor: Rewards for Prosocial Involvement

Domain: Family

Type: Protective Factor

Factor Name: Rewards for Prosocial Involvement

Previous Names: None

Years Used for HYS: 2004, 2002, 2000

Variable Name: risk23

SDRG Name: FPRPI

Items

- 2004, 2002** Q1. My parents notice when I am doing a good job and let me know about it.
Q2. How often do your parents tell you they're proud of you for something you've done?
Response options: a. Never or almost never, b. Sometimes, c. Often, d. All of the time
Q3. Do you enjoy spending time with your dad?
Q4. Do you enjoy spending time with your mom?
Response options: a. NO!, b. no, c. yes, d. YES!
- 2000** Q1–Q2 same
Q3. Do you enjoy spending time with your father?
Q4. Do you enjoy spending time with your mother?
Response options: a. NO!, b. no, c. yes, d. YES!

Formula

2004, 2002, 2000 Compute risk23= mean.3 (Q1, Q2, Q3, Q4)

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004	3.390	NA	NA	NA
2002, 2000	3.390	2.895	2.895	2.896

School Risk Factor: Academic Failure

Domain: School

Type: Risk Factor

Factor Name: Academic Failure

Previous Names: None

Years Used for HYS: 2004, 2002, 2000, 1998

Variable Name: risk31

SDRG Name: SRAF

Items

- 2004, 2000, 1998** Q1. Putting them together, what were your grades like last year?
Response options: a. Mostly As b. Mostly Bs, c. Mostly Cs, d. Mostly Ds
e. Mostly Fs
- Q2. Are your school grades better than the grades of most students in your class?
Response options: a. NO!, b. no, c. yes, d. YES!
- 2002** Q1. Putting them all together, what were your grades last year? (Version B)
Q2. Same
Response options: a. Mostly As b. Mostly Bs, c. Mostly Cs, d. Mostly Ds
e. Mostly Fs

Formulas

- 2004, 2002, 2000** Recode Q1 (5=4) (4=3.25) (3=2.5) (2=1.75) (1=1) into Q1r.
Recode Q2 (1=4) (2=3) (3=2) (4=1) into Q2r.
Compute risk31 = mean.2 (Q1r, Q2r).
- 1998** Recode same
Compute (same) -1.

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004, 2002, 2000	1.977	1.983	1.983	1.973
1998	1.5	1.5	1.5	1.5

School Risk Factor: Low Commitment to School

Domain: School

Type: Risk Factor

Factor Name: Low Commitment to School

Previous Names: Little Commitment to School (1998)

Years Used for HYS: 2004, 2002, 2000, 1998

Variable Name: risk32

SDRG Name: SRLCS

Items

- 2004, 2002, 2000** Q1. How often do you feel the schoolwork you are assigned is meaningful and important?
Response options: a. Almost always b. Often, c. Sometimes, d. Seldom e. Never
- Q2. How interesting are most of your courses to you?
Response options: a. Very interesting and stimulating, b. Quite interesting, c. Fairly interesting, d. Slightly dull, e. Very dull
- Q3. How important do you think the things you are learning in school are going to be for you later in life?
Response options: a. Very important, b. Quite important, c. Fairly important, d. Slightly important, e. Not at all important
- Q4. Think back over the past year in school. How often did you: Enjoy being in school?
- Q5. Think back over the past year in school. How often did you: Hate being in school?
- Q6. Think back over the past year in school. How often did you: Try to do your best work in school?
Response options: a. Never b. Seldom, c. Sometimes, d. Often e. Almost always
- Q7. During the LAST 4 WEEKS, how many whole days of school have you missed because you skipped or "cut"?
Response options: a. None b. 1, c. 2, d. 3 e. 4-5, f. 6-10, g. 11 or more
- 1998** Q1–Q7 same
- Q8. During the LAST 4 WEEKS how many whole days of school have you missed: Because of illness?
- Q9. During the LAST 4 WEEKS how many whole days of school have you missed: For other reasons?
Response options: a. None b. 1, c. 2, d. 3 e. 4-5, f. 6-10, g. 11 or more

Formulas

- 2004, 2002, 2000** Recode Q7 (1=1) (2=1.67) (3=2.33) (4=3) (5=3.67) (6=4.33) (7=5) into Q7r.
Recode Q4 Q6 (1=5) (2=4) (3=3) (4=2) (5=1) into Q4r Q6r.
Compute risk32 = mean.5 (Q7r, Q4r, Q6r, Q1, Q2, Q3, Q5).
- 1998** Recode same Q7, Q4, Q6
Recode Q8, Q9 (1=1) (2=1.67) (3=2.33) (4=3) (5=3.67) (6=4.33) (7=5) into Q8r Q9r
Compute Risk32 = mean.6 (Q7r, Q4r, Q6r, Q1, Q2, Q3, Q5, Q8r, Q9r).

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004, 2002, 2000	2.106	2.484	2.625	2.673
1998	1.5	1.5	1.5	1.5

School Protective Factor: Opportunities for Prosocial Involvement

Domain: School

Type: Protective Factor

Factor Name: Opportunities for Prosocial Involvement

Previous Names: None

Years Used for HYS: 2004, 2002, 2000, 1998

Variable Name: risk33

SDRG Name: SPOPI

Items

- 2004, 2002, 2000, 1998** Q1. In my school, students have lots of chances to help decide things like class activities and rules.
- Q2. There are lots of chances for students in my school to talk with a teacher one-on-one.
- Q3. Teachers ask me to work on special classroom projects.
- Q4. There are lots of chances for students in my school to get involved in sports, clubs, and other school activities outside of class.
- Q5. I have lots of chances to be part of class discussions or activities.
- Response options:** a. NO!, b. no, c. yes, d. YES!

Formulas

- 2004, 2002, 2000** Compute risk33 = mean.4 (Q1, Q2, Q3, Q4, Q5).
- 1998** Compute (same) -1.

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004	NA	2.712	2.720	2.722
2002, 2000	2.906	2.712	2.720	2.722
1998	1.5	1.5	1.5	1.5

School Protective Factor: Rewards for Prosocial Involvement

Domain: School

Type: Protective Factor

Factor Name: Rewards for Prosocial Involvement

Previous Names: None

Years Used for HYS: 2004, 2002, 2000, 1998

Variable Name: risk34

SDRG Name: SPRPI

Items

- 2004, 2002, 2000, 1998** Q1. My teacher(s) notices when I am doing a good job and lets me know about it.
Q2. The school lets my parents know when I have done something well.
Q3. I feel safe at my school.
Q4. My teachers praise me when I work hard in school.
Response options: a. NO!, b. no, c. yes, d. YES!

Formulas

- 2004, 2002, 2000** Compute risk34 = mean.3(Q1, Q2, Q3, Q4)
1998 Compute (same) -1.

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2002, 2002, 2000	2.892	2.646	2.405	2.659
1998	1.5	1.5	1.5	1.5

Peer-Individual Risk Factor: Early Initiation of Drug Use

Domain: Peer-Individual

Type: Risk Factor

Factor Name: Early Initiation of Drug Use

Previous Names: None

Years Used for HYS: 2004, 2002, 2000

Variable Name: risk41

SDRG Name: PREID

Items

- 2004, 2002** Q1. How old were you the first time you smoked marijuana?
Q2. How old were you the first time you smoked a cigarette, even just a puff?
Q3. How old were you the first time you had more than a sip or two of beer, wine, or hard liquor (for example: vodka, whiskey, or gin)?
Q4. How old were you the first time you began drinking alcoholic beverages regularly, that is, at least once or twice a month?
Response options: a. Never have, b. 10 or younger, c. 11, d. 12, e. 13, f. 14, g. 15, h.16, i. 17 or older
- 2000** Q1 How old were you when you first: Smoked marijuana?
Q2-Q4 same

Formulas

- 2004, 2002,** Recode Q1 Q2 Q3 Q4 (1=0) (2=8) (3=7) (4=6) (5=5) (6=4) (7=3) (8=2) (9=1)
2000 into Q1r Q2r Q3r Q4r.
Compute risk41 = mean.3 (Q1r, Q2r, Q3r, Q4r).

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2002	NA	2.104	2.812	2.534
2002, 2000	.337	2.104	2.812	2.534

Peer-Individual Risk Factor: Early Initiation of Antisocial Behavior

Domain: Peer-Individual

Type: Risk Factor

Factor Name: Early Initiation of Antisocial Behavior

Previous Names: Early Initiation of Problem Behavior (2002)

Years Used for HYS: 2004, 2002, 2000, 1998

Variable Name: risk42

SDRG Name: PREAB

Items

- 2004, 2002, 2000, 1998** Q1. How old were you when you first: Got suspended from school?
Q2. How old were you when you first: Got arrested?
Q3. How old were you when you first: Carried a handgun?
Q4. How old were you when you first: Attacked someone with the idea of seriously hurting them?
Response options: a. Never have, b. 10 or younger, c. 11, d. 12, e. 13, f. 14, g. 15, h.16, i. 17 or older
- 1998** Q1-Q4 Same 2004
Q5. How old were you when you first: Smoked marijuana?
Q6. How old were you when you first: Smoked a cigarette, even just a puff?
Q7. How old were you when you first: Had more than a sip or two of beer, wine, or hard liquor (for example, vodka, whiskey, or gin)?
Q8. How old were you when you first: Began drinking alcoholic beverages regularly, that is, at least once or twice a month?
Response options: a. Never have, b. 10 or younger, c. 11, d. 12, e. 13, f. 14, g. 15, h.16, i. 17 or older

Formulas

- 2004, 2002, 2000** Recode Q1 Q2 Q3 Q4 (1=0) (2=8) (3=7) (4=6) (5=5) (6=4) (7=3) (8=2) (9=1) into Q1r Q2r Q3r Q4r.
Compute risk42 = mean.3 (Q1r, Q2r, Q3r, Q4r).
- 1998** Recode Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8 (1=1) (9=2) (3=3) (4=3) (5=3) (6=3) (7=3) (8=3) (2=4) (-8=-8) (-9=-9) into Q1r Q2r Q3r Q4r Q5r Q6r Q7r Q8r.
Compute Risk42 = mean.6 (Q1r Q2r Q3r Q4r Q5r Q6r Q7r Q8r) - 1

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004, 2002, 2000	NA	.250	.232	.208
2002, 2000	.205	.250	.232	.208
1998	.5	.5	.5	.5

Peer-Individual Risk Factor: Favorable Attitudes Toward Antisocial Behavior

Domain: Peer-Individual

Type: Risk Factor

Factor Name: Favorable Attitudes Toward Antisocial Behavior

Previous Names: Favorable Attitudes To Antisocial Behavior (2000): Attitudes Favorable to Antisocial Behavior (1998)

Years Used for HYS: 2004, 2002, 2000, 1998

Variable Name: 2004, 2002, 2000: risk43
1998: risk44

SDRG Name: PRATA

Items

- 2004, 2002, 2000** How wrong do you think it is for someone your age to:
- Q1. Take a handgun to school?
 - Q2. Steal anything worth more than \$5?
 - Q3. Pick a fight with someone?
 - Q4. Attack someone with the idea of seriously hurting them?
 - Q5. Stay away from school all day when their parents think they are at school?
- Response options:** a. Very wrong, b. Wrong, c. A little bit wrong, d. Not wrong at all
- 1998** Q1–Q4 same
Q5 not included

Formulas

- 2004, 2002, 2000** Compute risk43 = mean.4 (Q1, Q2, Q3, Q4, Q5).
- 1998** Compute risk44 = mean.3 (Q1, Q2, Q3, Q4) – 1.

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004	NA	1.697	1.696	1.690
2002, 2000	1.285	1.697	1.696	1.690
1998	1.5	1.5	1.5	1.5

Peer-Individual Risk Factor: Intentions to Use

Domain: Peer-Individual

Type: Risk Factor

Factor Name: Intentions to Use

Previous Names: Favorable Attitude to Antisocial Behavior (2000)

Years Used for HYS: 2004, 2002

Variable Name: risk45

SDRG Name: PRIU

Items

2004, 2002 Q1. When I am an adult I will smoke cigarettes.
Q2. When I am an adult I will drink beer, wine, or liquor.
Q3. When I am an adult I will smoke marijuana
Response options: a. NO!, b. no, c. yes, d. YES!

Formulas

2004, 2002 Compute risk45 = mean.2 (Q1, Q2, Q3).

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004	NA	1.743	1.748	2.083
2002	1.052	1.743	1.748	2.083

Peer-Individual Risk Factor: Favorable Attitudes Toward Drug Use

Domain: Peer-Individual

Type: Risk Factor

Factor Name: Favorable Attitudes Toward Drug Use

Previous Names: Favorable Attitudes to Drug Use (2000): Peer-Individual Attitudes Favorable to Alcohol, Tobacco, and Other Drug Use (1998)

Years Used for HYS: 2004, 2002, 2000, 1998

Variable Name: 2004, 2002, 2000: risk44
1998: risk45

SDRG Name: PRFAD

Items

2004, 2002, 2000, 1998 How wrong do you think it is for someone your age to:
Q1. Drink beer, wine, or hard liquor (for example: vodka, whiskey, or gin) regularly?
Q2. Smoke cigarettes?
Q3. Smoke marijuana?
Q4. Use LSD, cocaine, amphetamines, or another illegal drug?
Response options: a. Very wrong, b. Wrong, c. A little bit wrong, d. Not wrong at all

Formulas

2004, 2002, 2000 Compute risk44 = mean.3 (Q1, Q2, Q3, Q4).
1998 Compute (same)– 1.

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004. 2002, 2000	1.084	1.616	1.882	2.129
1998	1.5	1.5	1.5	1.5

Peer-Individual Risk Factor: Perceived Risks of Drug Use

Domain: Peer-Individual

Type: Risk Factor

Factor Name: Perceived Risks of Drug Use

Previous Names: Peer-Individual Perceived Risk to Alcohol, tobacco, and Other Drug Use (1998)

Years Used for HYS: 2004, 2002, 2000, 1998

Variable Name: 2004, 2002, 2000: risk46
1998: risk53

SDRG Name: PRPRD

Items

- 2004** How much do you think people risk harming themselves if they:
- Q1. Smoke one or more packs of cigarettes per day?
 - Q2. Try marijuana once or twice?
 - Q3. Smoke marijuana regularly?
 - Q4. Take one or two drinks of an alcoholic beverage (wine, beer, a shot, liquor) nearly every day?
- Response options:** a. No risk, b. Slight risk, c. Moderate risk, d. Great risk e. Not Sure
- 1998** Q1. How much do you think people risk harming themselves if they: Smoke one to five cigarettes per day?
- Q2. same
 - Q3. How much do you think people risk harming themselves if they: Smoke marijuana occasionally?
 - Q4. same
- Response options:** a. No risk, b. Slight risk, c. Moderate risk, d. Great risk e. Not Sure

Formulas

- 2004, 2002** Recode Q1 Q2 Q3 Q4 (1=4) (2=3) (3=2) (4=1) (5=sysmis) into Q1r Q2r Q3r Q4r.
Compute risk46 = mean.3 (Q1r, Q2r, Q3r, Q4r).
- 2000** Recode Q1 Q2 Q3 Q4 (1 = 4) (2 = 2) (3 = 2) (4 = 1) (5 = 0) into Q1r Q2r Q3r Q4r.
Compute (same as 2004)
- 1998** Recode (same as 2004)
Compute risk53 = mean.3 (Q1r, Q2r, Q3r, Q4r) – 1.

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004, 2002, 2000	1.793	1.872	2.107	2.104
1998	1.5	1.5	1.5	1.5

Peer-Individual Risk Factor: Friends' Use of Drugs

Domain: Peer-Individual

Type: Risk Factor

Factor Name: Friends Use of Drugs

Previous Names: Peer Alcohol, Tobacco, and Other Drug Use (1998)

Years Used for HYS: 2004, 2002, 2000, 1998

Variable Name: risk47

SDRG Name: PRFUD

Items

- 2004, 2002, 2000, 1998** Think of your four best friends (the friends you feel closest to). In the past year (12 months), how many of your best friends have:
- Q1. Smoked cigarettes?
 - Q2. Tried beer, wine, or hard liquor (for example: vodka, whiskey, or gin) when their parents didn't know about it?
 - Q3. Used marijuana?
 - Q4. Used LSD, cocaine, amphetamines, or other illegal drugs?
- Response options:** a. None, b. 1, c. 2, d. 3, e. 4

Formulas

- 2004, 2002, 2000, 1998** Compute risk47 = mean.3 (Q1, Q2, Q3, Q4)-1.

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004, 2002, 2000	NA	.686	1.438	1.933
1998	.5	.5	.5	.5

Peer-Individual Risk Factor: Rewards for Antisocial Involvement

Domain: Peer-Individual

Type: Risk Factor

Factor Name: Rewards for Antisocial Involvement

Previous Names: None

Years Used for HYS: 2004, 2002, 2000, 1998

Variable Name: 2004, 2002, 2000: risk47
1998: risk49

SDRG Name: PRRAI

Items

2004, 2002, 2000, 1998 What are the chances you would be seen as cool if you:
Q1. Smoked cigarettes?
Q2. Began drinking alcoholic beverages regularly, that is, at least once or twice a month?
Q3. Smoked marijuana?
Q4. Carried a handgun?
Response options: a. No or very little chance, b. Little chance, c. Some chance, d. Pretty good chance e. Very good chance

Formulas

2004, 2002, 2000 Compute risk48 = mean.3 (Q1, Q2, Q3, Q4).
1998 Compute (same)– 1.

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004, 2002, 2000	NA	1.420	1.890	1.640
2002, 2000	1.149	1.420	1.890	1.640
1998	.5	.5	.5	.5

Peer-Individual Risk Factor: Interaction with Antisocial Peers

Domain: Peer-Individual

Type: Risk Factor

Factor Name: Interaction with Antisocial Peers

Previous Names: Peer Antisocial Behavior

Years Used for HYS: 2004, 1998

Variable Name: 2004: risk56
1998: risk46

SDRG Name: PRIAP

Items

2004 Think of your four best friends (the friends you feel closest to). In the past year (12 months), how many of your best friends have:

Q1. Been suspended from school?

Q2. Carried a handgun

Q3. Sold illegal drugs?

Q4. Stolen or tried to steal a motor vehicle such as a car or motorcycle?

Q5. Been arrested?

Q6. Dropped out of school?

Response options: a. None of my friends b. 1 of my friends c. 2 of my friends d. 3 of my friends e. 4 of my friends

1998 Q1–Q6 same

Response options: a. none b. 1 c. 2 d. 3 e. 4

Formulas

2004, 1998 Compute risk56 = mean.4 (Q1, Q2, Q3, Q4, Q5, Q6)-1.

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004	NA	.104	.113	.112
1998	.5	.5	.5	.5

Peer-Individual Risk Factor: Rebelliousness

Domain: Peer-Individual

Type: Risk Factor

Factor Name: Rebelliousness

Previous Names: None

Years Used for HYS: 1998

Variable Name: risk41

SDRG Name: PRREB

Items

1998 Q1. I do the opposite of what people tell me, just to get them mad

Q2. I ignore the rules that get in my way

Q3. I like to see how much I can get away with

Response options: a. Very false b. Somewhat false c. Somewhat true
d. Very true

Formulas

1998 Compute Risk41 = mean.2 (Q1, Q2, Q3) -1.

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
1998	1.5	1.5	1.5	1.5

Peer-Individual Risk Factor: Antisocial Behavior

Domain: Peer-Individual

Type: Risk Factor

Factor Name: Antisocial Behavior

Previous Names: None

Years Used for HYS: 1998

Variable Name: risk43

SDRG Name: Unknown

Items

1998 How many times in the past year (12 months) have you:

Q1. Been suspended from school?

Q2. Carried a handgun?

Q3. Sold illegal drugs?

Q4. Stolen or tried to steal a motor vehicle such as a car or motorcycle?

Q5. Been arrested?

Q6. Attacked someone with the idea of seriously hurting them?

Q7. Been drunk or high at school?

Q8. Taken a handgun to school?

Response options: a. Never b. 1 or 2 times c. 3 to 5 times d. 6 to 9 times,
e. 10 to 19 times, f. 20 to 29 times, g. 30 to 39 times, h. 40+ times

Formulas

1998 Compute Risk43 = mean.6 (Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8) - 1.

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
1998	.5	.5	.5	.5

Peer-Individual Risk Factor: Sensation Seeking

Domain: Peer-Individual

Type: Risk Factor

Factor Name: Sensation Seeking

Previous Names: None

Years Used for HYS: 1998

Variable Name: risk48

SDRG Name: PRSS

Items

1998 How many times have you done the following things:

Q1. Done what feels good no matter what

Q2. Done something dangerous because someone dared you to do it

Q3. Done crazy things even if they are a little dangerous

Response options: a. Never b. I've done it but not in the past year c. Less than once a month d. About once a month, e. 2-3 times a month, f. Once or more a week

Formulas

1998 Compute Risk48 = mean.2 (Q1, Q2, Q3) – 1.

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
1998	1.5	1.5	1.5	1.5

Peer-Individual Risk Factor: Impulsiveness

Domain: Peer-Individual

Type: Risk Factor

Factor Name: Impulsiveness

Previous Names: None

Years Used for HYS: 1998

Variable Name: risk52

SDRG Name: Unknown

Items

- 1998** Q1. It is important to think before you act.
Q2. Do you have to have everything right away?
Q3. I often do things without thinking about what will happen.
Q4. Do you often switch from activity to activity rather than sticking to one thing at time?

Response options: a. NO!, b. no, c. yes, d. YES!

Formulas

- 1998** Recode Q1 (1=4) (2=3) (3=2) (4=1) into Q1r/
Compute Risk52 = mean.3 (Q1r, Q2, Q3, Q4) – 1.

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
1998	1.5	1.5	1.5	1.5

Peer-Individual Risk Factor: Depression

Domain: Peer-Individual

Type: Risk Factor

Factor Name: Depression

Previous Names: None

Years Used for HYS: 1998

Variable Name: risk55

SDRG Name: Unknown

Items

- 1998** Q1. Sometimes I think that life is not worth it.
Q2. At times I think I am no good at all.
Q3. All in all, I am inclined to think that I am a failure
Q4. In the past year have you felt depressed or sad MOST days, even if you felt OK sometimes?
Response options: a. NO!, b. no, c. yes, d. YES!

Formulas

- 1998** Compute Risk55 = mean.3 (Q1, Q2, Q3, Q4) - 1.

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
1998	2.0	2.0	2.0	2.0

Peer-Individual Protective Factor: Social Skills

Domain: Peer-Individual

Type: Protective Factor

Factor Name: Social Skills

Previous Names: None

Years Used for HYS: 2004, 2002, 2000, 1998

Variable Name: 2004, 2002, 2000: risk49
1998: risk51

SDRG Name: PPSS

Items

- 2004, 2002, 2000, 1998** Q1. You're looking at CDs in a music store with a friend. You look up and see her slip a CD under her coat. She smiles and says, "Which one do you want? Go ahead, take it while nobody's around." There is nobody in sight, no employees, and no other customers. What would you do now?
- Response options:** a. Ignore her, b. Grab a CD and leave the store, c. Tell her to put the CD back, d. Act like it's a joke and ask her to put the CD back
- Q2. It's 8:00 on a weeknight and you are about to go over to a friend's house when your mom asks you where you are going. You say, "Oh, just going to hang out with some friends." She says, "No, you'll just get into trouble if you go out. Stay home tonight." What would you do now?
- Response options:** a. Leave the house anyway, b. Explain what you are going to do with your friends, tell her when you will get home, and ask if you can go out, c. Not say anything and start watching TV, d. Get into an argument with her
- Q3. You are visiting another part of town and you don't know any of the people your age there. You are walking down the street and some teenager you don't know is walking toward you. He is about your size. As he is about to pass you, he deliberately bumps into you and you almost lose your balance. What would you say or do?
- Response options:** a. Push the person back, b. Say nothing and keep on walking, c. Say, "Watch where you're going," and keep on walking, d. Swear at the person and walk away
- Q4. You are at a party at someone's house and one of your friends offers you a drink containing alcohol. What would you say or do?
- Response options:** a. Drink it, b. Tell your friend, "No thanks. I don't drink," and suggest that you and your friend go and do something else, c. Just say, "No, thanks," and walk away, d. Make up a good excuse, tell your friend you had something else to do, and leave

Formulas

- 2004, 2002, 2000** Recode Q1 (1=2) (2=1) (3=4) (4=3) into Q1r.
Recode Q2 Q3 Q4 (1=1) (2=4) (3=3) (4=2) into Q2r Q3r Q4r.
Compute risk49 = mean.3 (Q1r, Q2r, Q3r, Q4r).
- 1998** Compute (same)– 1.

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004	NA	2.884	2.886	2.640
2002, 2000	3.228	2.884	2.886	2.640
1998	1.5	1.5	1.5	1.5

Peer-Individual Protective Factor: Belief in the Moral Order

Domain: Peer-Individual

Type: Protective Factor

Factor Name: Belief in the Moral Order

Previous Names: None

Years Used for HYS: 2004, 2002, 2000, 1998

Variable Name: risk50

SDRG Name: PPBMO

Items

- 2004, 2002, 2000, 1998** Q1. I think it is okay to take something without asking as long as you get away with it.
Q2. I think sometimes it's okay to cheat at school.
Q3. It is all right to beat up people if they start the fight.
Q4. It is important to be honest with your parents, even if they become upset or you get punished.
Response options: a. NO!, b. no, c. yes, d. YES!

Formulas

- 2004, 2002, 2000** Recode Q1 Q2 Q3 (1=4) (2=3) (3=2) (4=1) into Q1r Q2r Q3r.
Compute risk50 = mean.3 (Q1r, Q2r, Q3r, Q4).
1998 Recode (same)
Compute (same)– 1.

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004	NA	2.899	2.653	2.905
2002, 2000	3.395	2.899	2.653	2.905
1998	1.5	1.5	1.5	1.5

Peer-Individual Protective Factor: Interaction with Prosocial Peers

Domain: Peer-Individual

Type: Protective Factor

Factor Name: Interaction with Prosocial Peers

Previous Names: None

Years Used for HYS: 2004

Variable Name: risk57

SDRG Name: PPIPP

Items

2004 Think of your four best friends (the friends you feel closest to). In the past year (12 months), how many of your best friends have:

Q1. Participated in clubs, organizations, or activities at school?

Q2. Made a commitment to stay drug-free?

Q3. Liked school?

Q4. Regularly attended religious services?

Q5. Tried to do well in school?

Response options: a. None of my friends b. 1 of my friends c. 2 of my friends d. 3 of my friends e. 4 of my friends

Formulas

2004 Compute risk57 = mean.3 (Q1, Q2, Q3, Q4, Q5)-1.

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004	2.773	2.368	2.115	2.112

Peer-Individual Protective Factor: Prosocial Involvement

Domain: Peer-Individual

Type: Protective Factor

Factor Name: Prosocial Involvement

Previous Names: None

Years Used for HYS: 2004

Variable Name: risk58

SDRG Name: PPPI

Items

2004 How many times in the past year (12 months) have you:

Q1. Participated in clubs, organizations, or activities at school?

Q2. Done extra work on your own for school?

Q3. Volunteered to do community service?

Response options: a. Never b. 1 or 2 times c. 3 to 5 times d. 6 to 9 times e. 10 to 19 times f. 20 to 29 times, g. 30 to 39 times, h. 40+ times

Formulas

2004 Compute risk58 = mean.2 (Q1, Q2, Q3).

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
2004	2.498	2.509	2.876	3.575

Peer-Individual Protective Factor: Religiosity

Domain: Peer-Individual

Type: Protective Factor

Factor Name: Religiosity

Previous Names: None

Years Used for HYS: 1998

Variable Name: risk54

SDRG Name: PPREL

Items

1998 Q1. How often do you attend religious services or activities

Response options: a. Never, b. Rarely, c. 1-2 times a month, d. Once a week or more

Formulas

1998 Compute Risk54 = mean.1 (Q1) - 1.

Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
1998	1.5	1.5	1.5	1.5

References

- Arthur, M.W., Hawkins, J.D., Catalano, R.F., and Pollard, J.A. (1998). *Student survey of risk and protective factors and prevalence of alcohol, tobacco, and other drug use*. Seattle, WA: Social Development Research Group.
- Hawkins, J.D., Catalano, R.F. and Miller, J.Y. (1992). Risk and protective factors for alcohol and other drug problems in adolescence and early adulthood; Implications for substance abuse prevention. *Psychological Bulletin*, Vol. 112, No. 1, 64-105.
- Hawkins, J.D., Catalano, R.F., Jr., Barnard, K.E., Gottfredson, G.D., Holmes, A.B., and Miller, J.Y. (1992). *Communities that care: Action for abuse prevention*. San Francisco: Jossey Bass.